

Paige Long

Washington State Toxicology Lab
2203 Airport Way South, Suite 360
Seattle, WA 98001

Telephone: (206) 262-6100 Email: paige.long@wsp.wa.gov

Collegiate Education

Master of Science in Forensic Science

Marshall University, Huntington, WV

Graduation Date: May 6, 2005

GPA: 4.0/4.0

Bachelor of Science in Biology

Mary Washington College, Fredericksburg, VA

Graduation Date: May 17, 2003

GPA: 3.1/4.0

Honors: Dean's List member (Fall 2001, Spring 2002, Fall 2002, Spring 2003)

Professional Experience

Forensic Scientist 2 (March 2006-present)

Washington State Toxicology Lab Seattle, WA

- Analyze submitted specimens for the presence of drugs and alcohol
- Perform maintenance on instruments
- Prepare and certify external simulator solutions for use with the BAC Datamaster
- Attend training given in-house and by outside agencies
- Testify in court

Forensic Scientist 1 (June 2005-March 2006)

Washington State Toxicology Lab Seattle, WA

- Analyze specimens for the presence of drugs and alcohol
- Perform maintenance on instruments
- Prepare and certify external simulator solutions for use with the BAC Datamaster
- Attend training given in-house and by outside agencies
- Instruments used: GC-MS/NPD, LC-MS, Olympus, Viva-E, HSGC-FID

Graduate Assistant (September 2003 – May 2005)

Marshall University Forensic Science Center/CODIS Laboratory Huntington, WV

- Perform weekly and monthly QA/QC procedures on laboratory instruments
- Sterilize laboratory instrumentation, and perform maintenance on laboratory instruments
- Assist DNA analysts and perform random tasks in the laboratory

Intern (June 2004-August 2004)

Office of the Chief Medical Examiner-Toxicology Laboratory Charleston, WV

- Worked on the development of a method for the analysis of sympathomimetic amines using LC-MS
- Developed an Excel spreadsheet detailing all deaths in the state of West Virginia in which a drug overdose was the cause of death; performed statistical analyses on data for the major drugs of abuse (oxycodone, methadone, cocaine, fentanyl)
- Performed various extraction methods including liquid-liquid, solid-phase, and extractions using Toxi-Lab A tubes
- Observation of autopsies

Intern through the Visiting Scientist Program (June 2003 - August 2003)

FBI Academy - Counterterrorism and Forensic Science Research Unit Quantico, VA

- Researched and developed a draft for a pamphlet which will be given to law enforcement explaining how various fingerprinting processes negatively affect DNA analysis when developing a bloody fingerprint.
- Performed a buccal extraction from my saliva, and from the mitochondrial DNA obtained, I was taught how to amplify by PCR, quantitate using microcapillary electrophoresis, and finally sequence by capillary electrophoresis using an ABI 310

Intern (June 2002 - August 2002)

Office of the Chief Medical Examiner Richmond, VA

- Developed a database, based on NCIC guidelines, detailing the unidentified persons in the state of Virginia
- Attendance of onsite crime scene investigations
- Observation of autopsies

Training and Certifications

- Observation of Drug Recognition Expert field certifications--- May 31, 2006 and June 2, 2006
- Certification for analyzing and quantifying drugs in samples submitted for analysis--- March 2006
- "Identification Criteria for Drugs with Mass Spectrometry: Current Recommendations and Prospects for Emerging MS Techniques"; workshop presented at AAFS, February 21, 2006
- Mass Spectrometry Workshop presented by Applied Biosystems---February 20, 2006
- GC/MS Training Seminar presented by Restek---February 16, 2006
- "Courtroom Testimony Techniques"---presented by Ron Smith & Associates, Inc., January 30-31, 2006
- "The Robert F. Borkenstein Course On Alcohol, Drugs and Highway Safety"---Indiana University, December 3-9, 2005
- Certification for cocaine and opiate extraction and analysis
- Basic Training on Viva-E System sponsored by Dade Behring---October 24-26, 2005
- "Advanced Roadside Impaired Driving Enforcement"---sponsored by NHTSA---Tacoma, WA October 10-11, 2005
- Drug Recognition Expert in-service meeting---Ocean Shores, WA September 7-8, 2005
- Certification for gabapentin extraction and analysis -- August 2005
- Washington State Blood Alcohol Analyst Permit---July 2005
- "Methadone Related Deaths and Other Drug Trends"-- Washington State Patrol, presented by Ann Marie Gordon, July 2005